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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF SECRETARY

Mr. William F. Caton
Acting Secretary
Federal Communications Commission
1919 M Street, NW
Washington, DC 20554

DOCKET FILE COPY ORIGINAL

Re: Local Multipoint Distribution Service
CC Docket No. 92-297

Dear Mr. Caton:

On behalf of Titan Information Systems Corporation, enclosed please find an original and four (4) copies of Reply Comments filed in response to the Fourth Notice of Proposed Rulemaking in the above-referenced proceeding.

Please direct any questions regarding this matter to the undersigned.

Sincerely,

A handwritten signature in cursive script that reads "Graham Stubbs".

Graham Stubbs
Vice President, General Manager, Broadcast Communications

Enclosures

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Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, DC 20554

Federal Communications Commission
Office of Secretary

In the Matter of)

Rulemaking to Amend Parts 1, 2, 21
and 25 of the Commission's Rules to)

Redesignate the 27.5-29.5 GHz)

Frequency Band, to Reallocate the)

29.5-30.0 GHz Frequency Band, to)

Establish Rules and Policies for Local)

Multipoint Distribution Service and for)

Fixed Satellite Services)

CC Docket No. 92-297

REPLY COMMENTS OF
TITAN INFORMATION SYSTEMS CORPORATION

Titan Information Systems Corporation ("Titan") respectfully submits Reply Comments in response to the Commission's Fourth Notice of Proposed Rulemaking ("Fourth NPRM") in the above-referenced proceeding.

Titan, through its parent The Titan Corporation, has a long history in the design, development, manufacture and service of advanced communications systems using satellite, microwave, optical and wireline propagation means. In regard to LMDS, Titan has committed considerable research and development resources to developing a conditional access/encryption system for multichannel television transmission equipment that meets the unique requirements of LMDS. In fact, Titan is the first supplier of a conditional access/encryption system for LMDS, and its system currently is in commercial operation in CellularVision's LMDS system in the New York Primary Metropolitan Statistical Area. It is from this vantage point that Titan respectfully offers the Commission its views concerning the Commission's proposals in the Fourth NPRM.

Regarding the Allocation of Additional Spectrum for LMDS

Based on the prohibition on the two-way use of the 150 MHz from 29.1-29.25 GHz allocated to LMDS in the First Report and Order, the FCC has accurately concluded that additional spectrum is necessary for LMDS. We note that numerous parties in their Comments concur with the Commission's conclusion that LMDS must have additional unencumbered spectrum to be competitive, which undermines the unsupported claim of Sierra Digital Communications, Inc. in its Comments (p.9) that the LMDS industry has not justified a current need for the additional 31 GHz spectrum. To the contrary, the FCC, LMDS industry and even the satellite industry have universally supported the need for this spectrum to compensate for the encumbered nature of the 150 MHz in the 28 GHz band allocated to LMDS.

Additionally, we agree with the statements by CellularVision USA, Inc. and Endgate Corporation that with the regulatory certainty of a 31 GHz spectrum allocation for LMDS, the LMDS industry can be expected to commit the resources necessary to develop commercially viable applications of the 31 GHz LMDS spectrum in connection with 28 GHz LMDS systems.

Regarding the Issuance of One 1.3 GHz License in Each BTA

Titan also supports the Commission's proposal to license the 28 GHz LMDS spectrum along with the 31 GHz LMDS spectrum as a single block, and notes the support in the record of CellularVision USA, Inc., CellularVision Technology and Telecommunications, L.P., RioVision, Inc., Hewlett Packard Company, ComTech Associates and Ad Hoc Rural Telco Group for this proposal. Since the 31 GHz spectrum must be allocated to LMDS in order to compensate for the encumbered


nature of the 150 MHz in the 28 GHz band, in order to provide LMDS licensees with sufficient unencumbered spectrum for LMDS to realize its tremendous potential, the FCC should license the 1000 MHz at 28 GHz and the 300 MHz at 31 GHz as a single block in each service area. To do otherwise would threaten to fragment the LMDS spectrum into niche applications, contrary to the diverse, broadband services envisioned by the Commission.

Conclusion

Titan commends the Commission for its continued commitment to the deployment of LMDS, and is extremely encouraged by the prospect of auctions of LMDS licenses nationwide later this year. Titan respectfully recommends that the Commission conclude this proceeding promptly with the allocation of the 31 GHz spectrum for LMDS, with auctions of single 1300 MHz licenses in each BTA before the end of 1996.

Respectfully submitted,

Titan Information Systems Corporation

By: 
Graham Stubbs
Vice President and General Manager Broadcast Communications

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August 22, 1996

Certificate of Service

I, Grahams S. Stubbs, certify that copies of the foregoing "Reply Comments of Titan Information Systems Corporation" were delivered by hand, on August 22, 1996, to the following:

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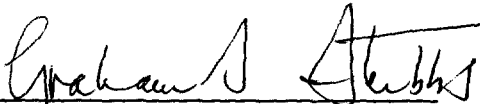
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